

# ILLINOIS WEATHER & CROPS



**ILLINOIS  
AGRICULTURAL  
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

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## CROPS

Winter wheat harvest was virtually complete in the southern half of the state and made good progress in the North last week before mid-week showers brought combines to a halt. A few oat fields in the Northwest and Central Districts were lodged last week by heavy rainfall. Corn producers welcomed the cool weather entering the weekend, as many fields have begun to tassel, leading into the critical pollination period. There were several reports across the state of herbicide damage on soybeans. Last week farmers were cultivating crops, spraying weeds, walking soybeans and cutting hay. For the week of July 7-13, there was an average of four and one-half days suitable for fieldwork.

Condition of the **CORN** crop on July 13 was reported as 14% excellent, 71% good, 13% fair and 2% poor. Eighteen percent of the crop had silked (tassled) by July 15, compared to 50% last year and the five-year average (1984-88) of 67%. One percent was in the dough stage, compared to 3% last year and the average of 9%.

Condition of the **SOYBEAN** crop on July 13 was 2% excellent, 63% good, 32% fair and 3% poor. By July 15, 20% of the soybeans were blooming, compared to 57% last year and the average of 67%. Two percent of the crop was setting pods, compared to 13% last year and the average of 21%.

By July 15, 94% of the **WINTER WHEAT** acreage had been harvested, compared to 97% last year and the average of 98%.

**OAT** condition, as of July 13, was reported as 15% excellent, 66% good, 18% fair and 1% poor. By July 15, 95% of the acreage was filled, compared to complete for both last year and the average. Sixty-nine percent was turning yellow compared to 92% last year and the average of 95%. Twenty-eight percent of the crop was ripe, compared to 51% last year and the average of 70%. Nine percent of the crop had been harvested by July 15, compared to 22% last year and the average of 37%.

Condition of the **SORGHUM** crop on July 13 was 44% good, 52% fair, and 4% poor.

**ALFALFA HAY** condition, as of July 13, was reported as 14% excellent, 68% good, 14% fair, and 4% poor. Cutting of the second crop was 44% complete compared to 72% for both last year and the average.

**PASTURE** condition, as of July 13, was reported as 18% excellent, 58% good, 20% fair, and 4% poor.

Cutting of **RED CLOVER** hay was 85% complete by July 15, compared to complete for both last year and the average.

**SOIL MOISTURE**, as of July 13, was reported as 16% short, 67% adequate and 17% surplus.

# ILLINOIS DISTRICT SUMMARY

District	:	:	:	Soil		
	:	Soybeans	:	Days Suitable	:	Moisture Percent
	:	% Blooming	:	For Fieldwork	:	Short : Adequate : Surplus
	:	As of July 15		As of July 13		
Northwest	:	10	4.5	0	60	40
Northeast	:	8	5.0	0	100	0
West	:	20	3.0	0	65	35
Central	:	35	3.5	0	65	35
East	:	40	3.0	0	75	25
W Southwest	:	25	4.5	5	80	15
E Southeast	:	7	5.0	0	100	0
Southwest	:	9	6.0	65	35	0
Southeast	:	2	6.5	80	20	0
State	:	20	4.5	16	67	17
5-Year Ave.	:	67				

## PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
June	7.40	4.67	6.54	8.73	4.73	4.94	4.94	2.82	2.63	5.27
Departure	3.02	0.56	2.02	4.69	0.56	0.74	0.68	-1.22	-1.28	1.09

## JUNE WEATHER SUMMARY

TEMPERATURES WERE SLIGHTLY ABOVE NORMAL IN JUNE. PRECIPITATION WAS ABOVE THE NORM FOR THE SECOND CONSECUTIVE MONTH. MONTHLY TEMPERATURES AVERAGED 1 DEGREE ABOVE NORMAL. THE FIRST HALF OF THE MONTH RECORDED BELOW NORMAL READINGS, AS HIGHS STAYED IN THE 60'S IN THE NORTH AND 80'S IN THE SOUTH. LOWS DROPPED INTO THE 40'S. TEMPERATURES ROSE ABOVE THE NORM DURING MID-MONTH. ELIZABETH (IN THE NORTHWEST DISTRICT) RECORDED THE LOWEST TEMPERATURE, WHICH WAS 39 DEGREES ON THE 4TH. CAPE GIRARDEAU (NEAR THE SOUTHWEST DISTRICT) RECORDED THE HIGHEST MAXIMUM READING, WITH 98 DEGREES ON THE 18TH.

THE AVERAGE PRECIPITATION FOR THE STATE WAS 1.09 ABOVE NORMAL. THE CENTRAL DISTRICT RECORDED THE GREATEST AVERAGE PRECIPITATION WITH 8.73 INCHES (4.69 INCHES ABOVE NORMAL). KILBOURNE (IN THE CENTRAL DISTRICT) RECORDED THE GREATEST PRECIPITATION TOTAL FOR THE MONTH WITH 11.79 INCHES. ON THE 14TH, MORE THAN 4 INCHES FELL DURING A 24-HOUR PERIOD THERE. MOLINE (IN THE NORTHWEST DISTRICT) RECORDED THE SECOND WETTEST JUNE ON RECORD. THESE HEAVY RAINS CAUSED WIDE-SPREAD FLOODING IN THE NORTHERN TWO-THIRDS OF THE STATE. THE SOUTHERN THIRD OF ILLINOIS RECEIVED BELOW NORMAL RAINFALL. THE SOUTHEAST DISTRICT WAS 1.28 INCHES BELOW THE NORM.

THE OUTLOOK FOR THE REMAINDER OF JULY IS FOR TEMPERATURES TO BE BELOW NORMAL AND PRECIPITATION TO BE NEAR NORMAL.

THE 90-DAY OUTLOOK FOR ILLINOIS FROM JULY THROUGH SEPTEMBER IS FOR ABOVE NORMAL TEMPERATURES AND NEAR NORMAL PRECIPITATION.

Summary provided by The National Weather Service Cooperative Observers  
NOAA, Rosemont, Illinois

# WEATHER

HUMID SUMMERTIME WEATHER RELINQUISHED ITS GRIP ON ILLINOIS AS A SLOW MOVING WEATHER SYSTEM BROUGHT CONDITIONS REMINISCENT OF SPRING. UNSEASONABLY COOL WEATHER PREVAILED THE LAST HALF OF THE WEEK FOLLOWING HIGHS IN THE 90'S TO AROUND 100 EARLY ON. THE WEEK AVERAGED 4 TO 8 DEGREES BELOW NORMAL IN MOST PLACES AS A RESULT. AVERAGE HIGHS WERE IN THE MID 70'S TO MID 80'S WITH AVERAGE LOWS IN THE UPPER 50'S TO MID 60'S.

THE WEEK WAS ALSO RATHER WET IN MANY PLACES, HAMPERING OUTDOOR WORK BUT BOOSTING SOIL MOISTURE. WEEKLY RAINFALL EXCEEDED ONE INCH IN MANY PLACES AND SOMETIMES TWO OR THREE INCHES. THE DRIEST AREAS SEEMED TO BE IN THE PARTS OF THE NORTHEAST AND SOUTH WHERE LESS THAN AN INCH WAS OFTEN OBSERVED.

Week ending 8 A.M. Monday, July 16, 1990

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi-	Mini-	Depar-	Curr.:	Since:	Departure	Curr.:	Since:	Departure
	mum	mum	ture	week	May 1:	since May 1:	week	May 1:	since May 1
ELIZABETH	74	57	-6	0.77	13.95	3.47	115	1117	-140
ROCKFORD	75	59	-5	1.26	15.80	5.02	125	1233	-14
CHICAGO	73	61	-5	0.41	11.81	2.60	125	1235	6
CHI BOTANICAL	70	60	-9	0.32	13.87	4.37	112	1068	-280
ELWOOD	74	59	-6	2.22	14.52	4.30	121	1271	0
WATSEKA	75	60	-6	2.53	14.97	3.81	124	1234	-144
PERU	74	59	-8	4.78	19.02	9.00	117	1250	-170
MOLINE	76	61	-6	2.65	19.91	8.82	131	1342	-43
PEORIA	74	61	-7	2.96	16.84	7.02	125	1320	-81
KILBOURNE	77	62	-6	2.13	21.69	11.39	134	1392	-109
MONMOUTH	74	59	-8	3.45	17.35	7.27	118	1282	-149
QUINCY	78	63	-5	2.13	15.16	4.55	144	1409	-84
PERRY	78	62	-6	2.51	16.23	6.24	139	1378	-158
SPRINGFIELD	77	63	-6	1.68	20.28	11.32	141	1468	-60
URBANA	77	61	-5	1.29	14.65	4.85	137	1378	-72
WINDSOR	80	63	-4	1.36	14.64	4.08	145	1413	-114
TERRE HAUTE	82	59	-4	1.73	15.44	5.08	141	1416	-46
ST LOUIS	83	67	NA	1.10	13.03	NA	167	1701	NA
BELLEVILLE	85	67	-1	0.06	10.44	0.84	170	1537	-63
BROWNSTOWN	79	59	-7	1.54	16.39	5.74	133	1388	-153
IUKA	79	61	-7	0.31	17.84	7.90	137	1397	-206
LAWRENCEVILLE	81	63	NA	1.56	19.88	NA	147	1400	NA
VINCENNES	80	63	-5	1.85	21.87	11.40	144	1439	-111
DIXON SPRINGS	83	63	-5	0.65	12.44	2.02	155	1611	-87
PADUCAH	85	66	-3	0.69	10.42	-0.44	166	1673	-36
OLIVE BRANCH	87	66	-1	0.49	9.47	-1.39	169	1667	11
CARBONDALE	82	64	-4	0.78	11.05	0.72	155	1550	-83
C GIRARDEAU	84	67	NA	0.17	10.53	NA	168	1731	NA

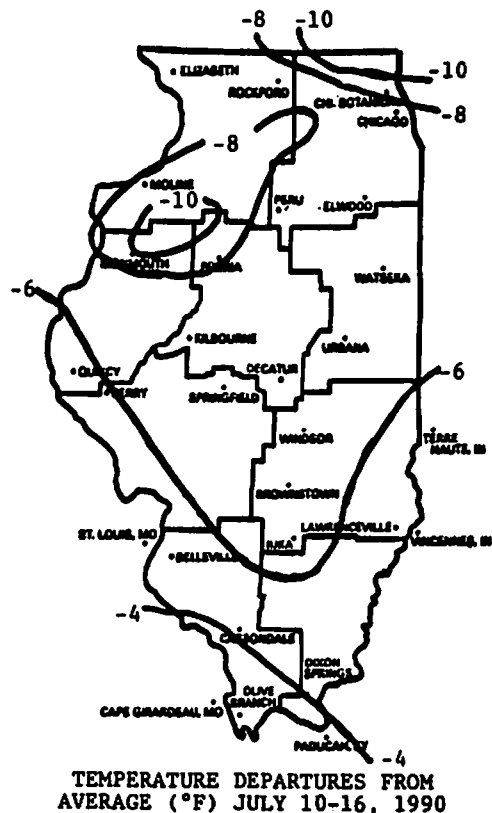
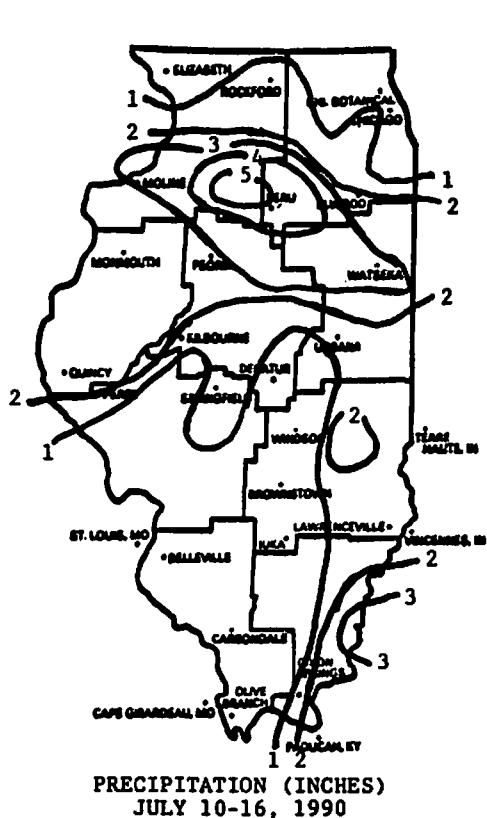
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county officials of Extension Service and SCS, and agribusiness managers.